

Date: Monday, 9/11/2006 3:44:15 PM
User: Kim Johnston

Process Sheet

Customer :	CU-DAR001 Dart Helicopters Services	Drawing Name :	CABLE GUARD
Job Number :	28483		
Estimate Number :	12407		
P.O. Number :		Part Number :	D3499042
This Issue :	9/11/2006	S.O. No. :	
Prsht Rev. :	NC	Drawing Number :	D3499 REV B
First Issue :	1/1	Project Number :	N/A
Previous Run :	27200	Drawing Revision :	B
	Type :	Material :	
	SMALL /MED FAB	Due Date :	9/20/2006
Written By :		Qty:	6 Um: Each
Checked & Approved By :	<i>KA 06 09.12</i>		
Comment :	Est Rev:A New Issue 06-05-05 JLM Est Rev:B As per Rev B 06-08-31 JLM		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
----------------	------------------------------	----------------------

1.0	D34992	MOUNTING PLATE
-----	--------	----------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 6.0000 Each(s)

MOUNTING PLATE

Batch: *B 28486*

SB 02/10/01

2.0	D34993	PLASTIC CABLE GUARD
-----	--------	---------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 6.0000 Each(s)

PLASTIC CABLE GUARD

Batch: *B 28503 -*

CP

3.0	D34995	PLACARD
-----	--------	---------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 12.0000 Each(s)

PLACARD

Batch: *B 28537 -*

CP

4.0	AN3C5A	Bolt
-----	--------	------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 12.0000 Each(s)

Bolt

Batch: *M105143 -*

CP

5.0	AN3C6A	BOLT
-----	--------	------



Comment: Qty.: 3.0000 Each(s)/Unit Total : 18.0000 Each(s)

BOLT

Batch: *M105300 -*

CP

CP 07/10/01

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 9/11/2006 3:44:15 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CABLE GUARD

Job Number: 28483

Part Number: D3499042

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

AN960C10L

washer



Comment: Qty.: 10.0000 Each(s)/Unit Total : 60.0000 Each(s)

washer

Batch: M105143

7.0

MS210433

Nut



Comment: Qty.: 5.0000 Each(s)/Unit Total : 30.0000 Each(s)

Nut

Batch: M105728

8.0

NAS1515H3L

WASHER



Comment: Qty.: 5.0000 Each(s)/Unit Total : 30.0000 Each(s)

WASHER

Batch: M105728

9.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble as per Dwg D3499

10.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

11.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: PP 28495

12.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

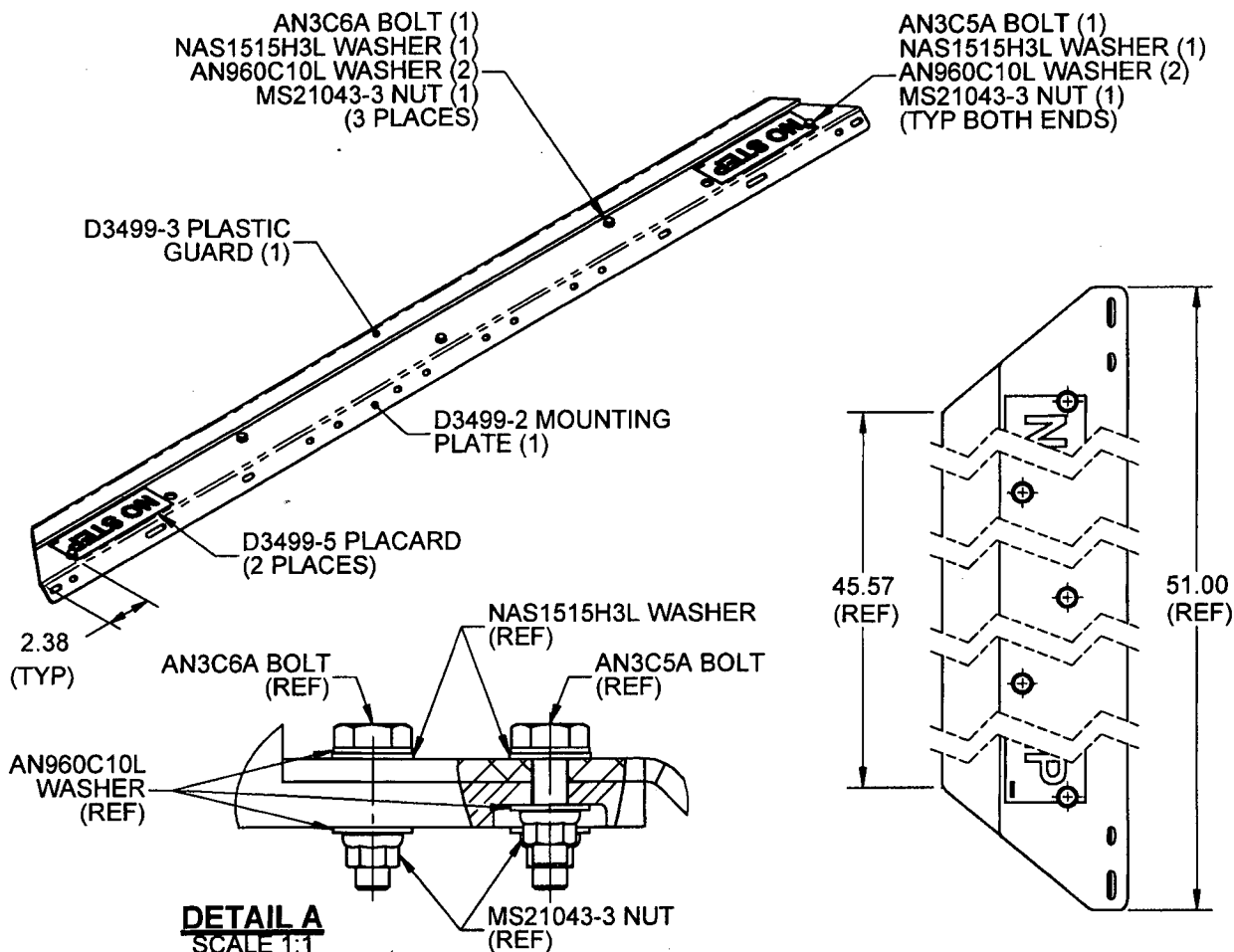
QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

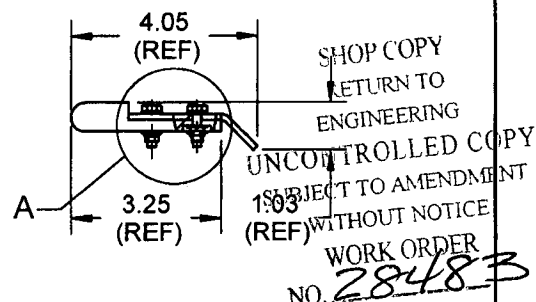


DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3499	REV. B SHEET 1 OF 4
DATE 06.08.15		TITLE CABLE GUARD	SCALE 1:4
A	06.04.11	NEW ISSUE	
B	06.08.15	RE-DESIGN D3499-2F/-3	



D3499-042 CABLE GUARD ASSEMBLY

QTY -042	P/N	DESCRIPTION
X	D3499-042	CABLE GUARD ASSEMBLY
1	D3499-2	MOUNTING PLATE
1	D3499-3	PLASTIC GUARD
2	D3499-5	PLACARD
2	AN3C5A	BOLT
3	AN3C6A	BOLT
10	AN960C10L	WASHER
5	MS21043-3	NUT
5	NAS1515H3L	WASHER

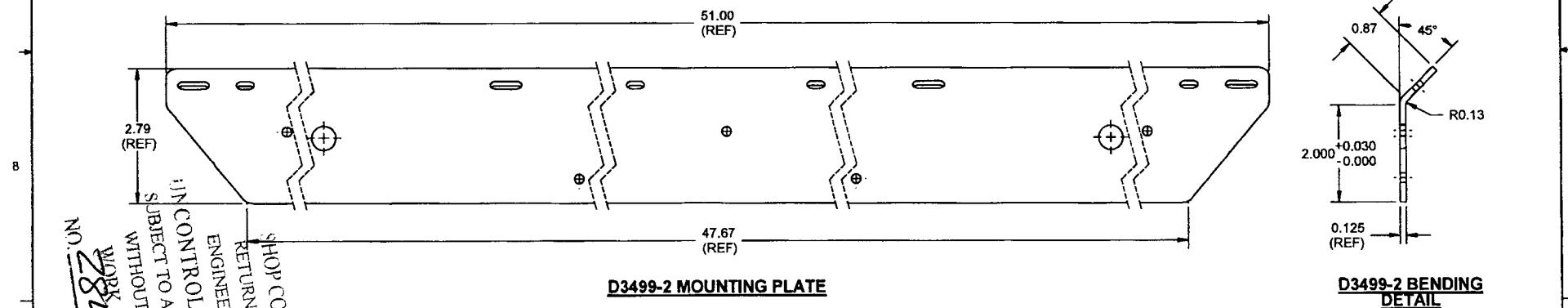
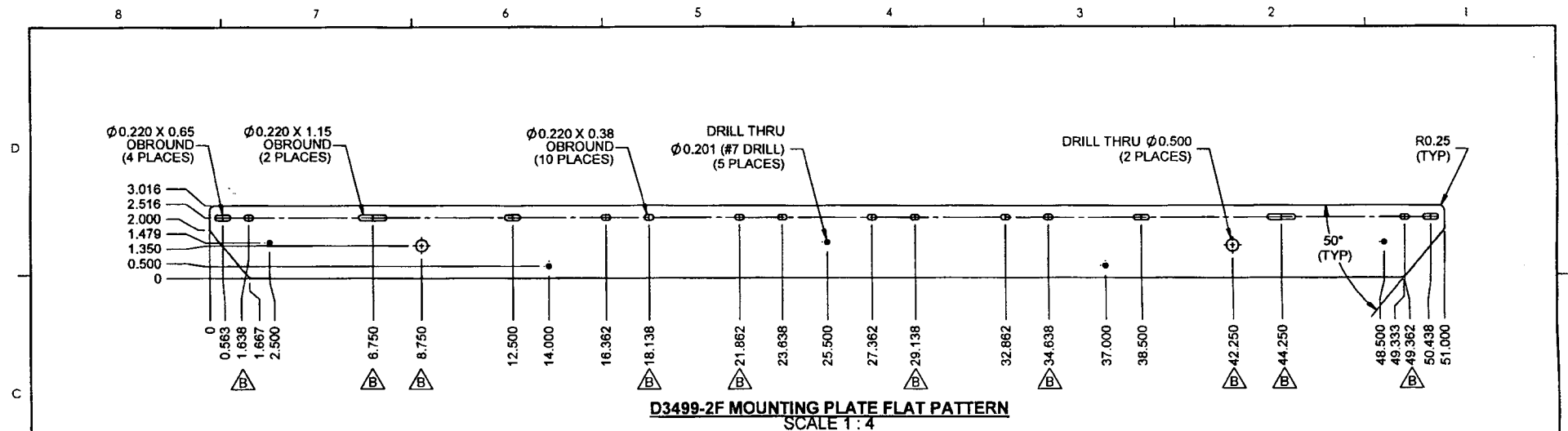


NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010

COPYRIGHT © 2006 BY DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



NOTES:

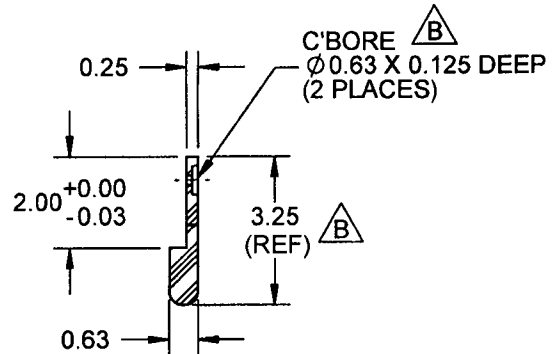
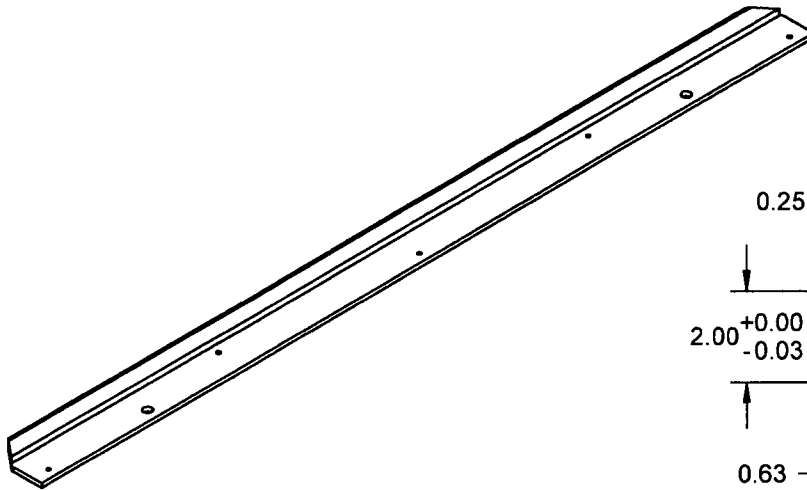
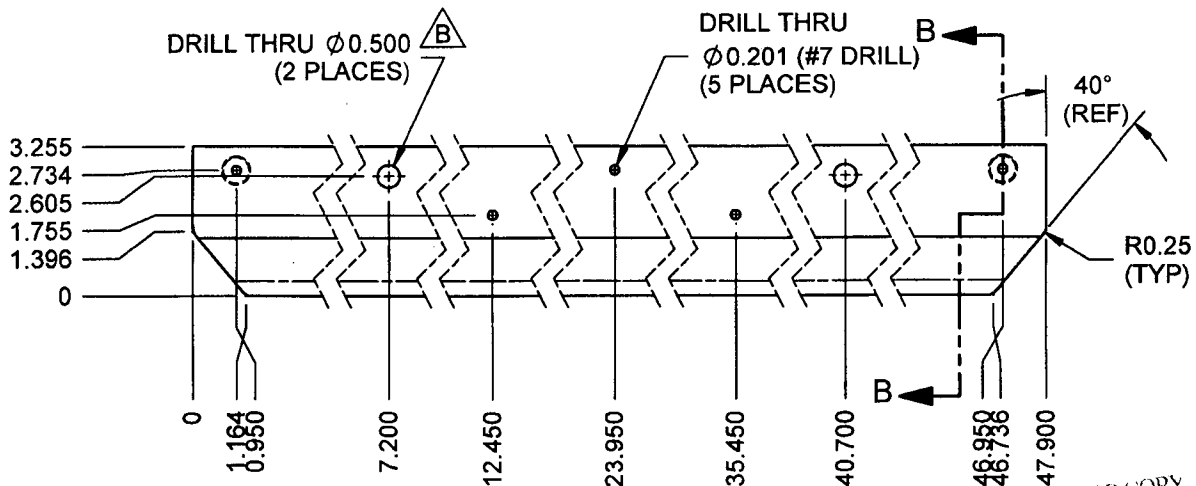
- 1) MATERIAL: 6061-T6 ALUMINUM SHEET (0.125 THICK)
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
(REF. DART SPEC. M6061T6S.125)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005. 4.1
POWDER COAT WHITE (REF. 4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3499	REV. B SHEET 2 OF 4
DATE 06.08.15	TITLE CABLE GUARD		SCALE 1:2
COPYRIGHT © 2006 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.			

NO. *28483*
WORK ORDER
SUBJECT TO AMENDMENT
WITHOUT NOTICE
ENGINEERING
RETURN TO
SHOP COPY

DART

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3499	REV. B SHEET 3 OF 4
DATE 06.08.15		TITLE CABLE GUARD	SCALE 1:4

**SECTION B-B****D3499-3 CABLE GUARD****NOTES:**

- 1) MATERIAL: UHMW BLACK TIVAR 1000 VIRGIN MATERIAL (MUHMWB)
- 2) PART IS SYMMETRICAL AT CENTER LINE
- 3) FINISH: NONE
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

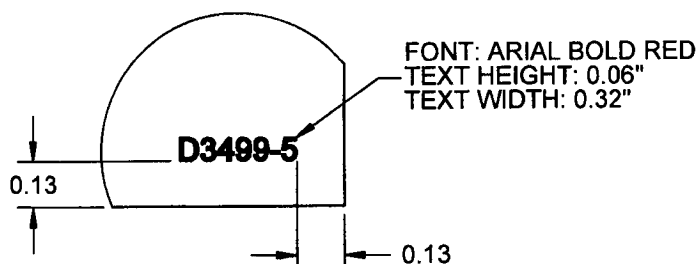
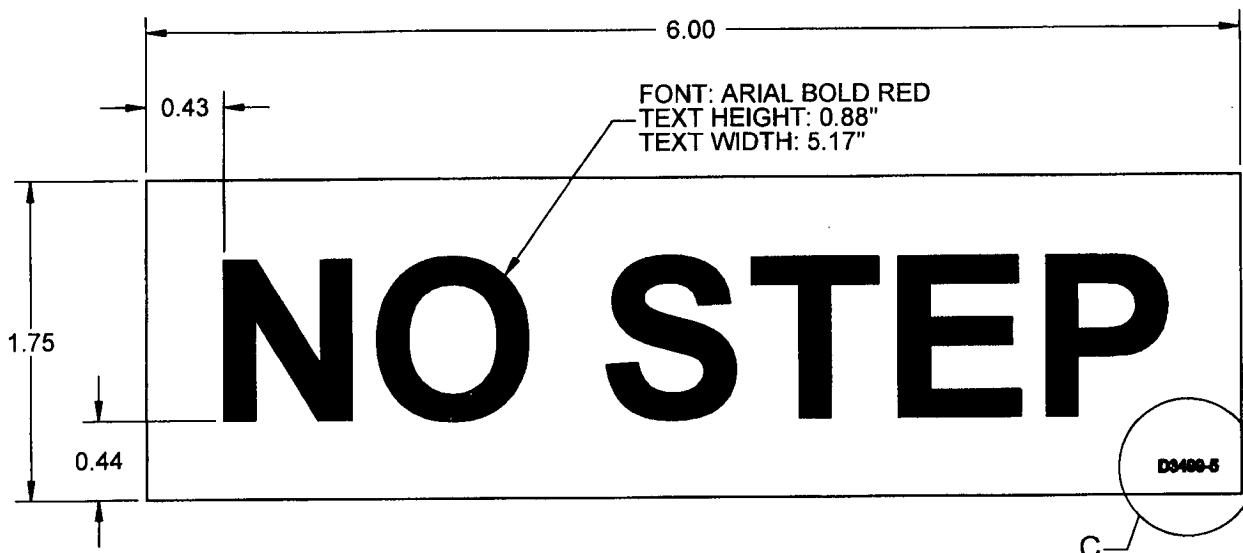
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. **28483**

COPYRIGHT © 2006 BY DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART

DESIGN <i>B</i>	DRAWN BY <i>B</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3499	REV. B SHEET 4 OF 4
DATE 06.08.15		TITLE CABLE GUARD	SCALE 1:1



DETAIL C
SCALE 1:2

D3499-5 PLACARD

NOTES:

- 1) MATERIAL: RED LETTERS ON WHITE ADHESIVE BACK VINYL
MANUFACTURED FROM 3M 7 MIL MASKING FILM #8522CP OR
AVERY IPM #2031. SIZE IS 6.00" LONG" x 1.75" WIDE
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. **28483**

COPYRIGHT © 2006 BY DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.